Qflow

> " Qflow saved us £54K in direct saving and £136K in avoided program delays"

- Canary Wharf Contractors -

What is Qflow?

Qflow automates the capture of material and waste records on site, dramatically reducing time spent recording and transferring data. With Qflow not only will you see a significant increases in the quality and accuracy of data but also up to 43% more coverage. This transparency combined with Qflow's data insights, powers commercial management, quality control and sustainability reporting across the project teams.

Qflow was founded with the sole purpose of building a more sustainable future. We are on a mission to make construction more efficient and therefore more sustainable.

Commercial Management

Goods received notes captured in Qflow can easily be cross reference against invoices saving commercial teams hours. On top of that, Qflow's alert system flags errors, reducing the risk of rework from non-compliant materials.

Environmental Management

With Qflow, projects are provided a complete audit of material responsible sourcing, and waste compliance, reducing risk and feeding into reporting tools to support project certification such as BREEAM and CEEQUAL credits.

We are trusted by

Sir Robert McALPINE   LAING O'ROURKE   COSTAIN   CANARY WHARF LONDON

MULTIPLEX   HS2   Berkeley Group   SKANSKA

www.qualisflow.com

How do we do it?

Automate

Qflow automates the collection of material delivery, and waste transfer data using a simple app increasing the quality and quantity to give you a full picture of what is happening on site.

Analyse

Qflow checks deliveries and waste movements against project and compliance specifications alerting you in real time to any non-conformances.
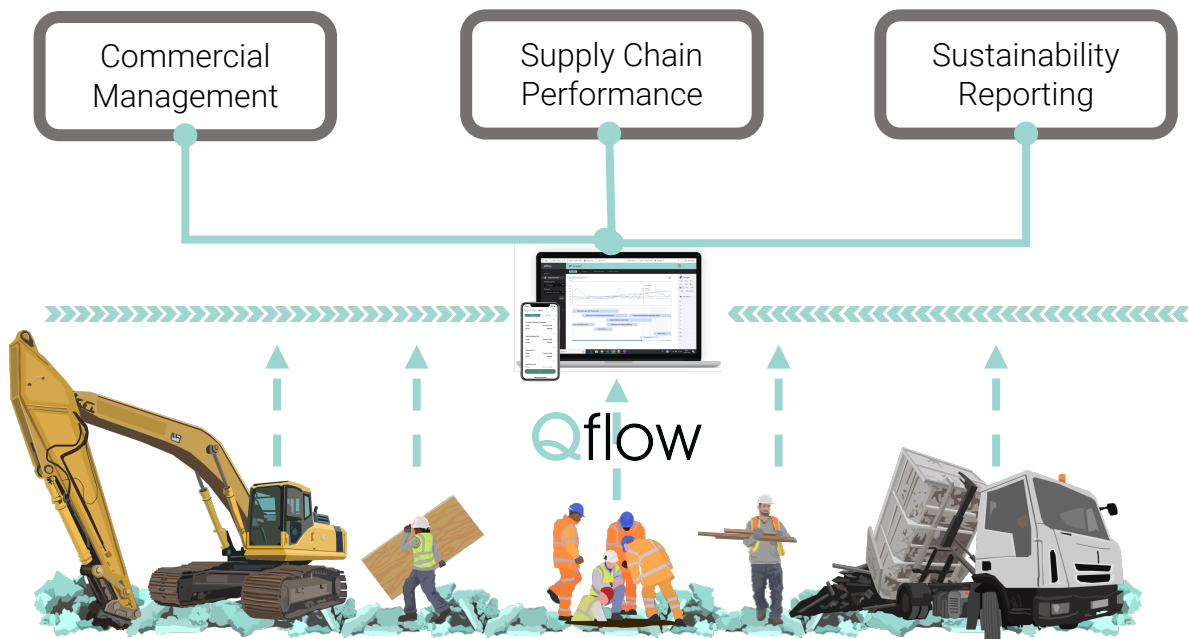
Outperform

Qflow's data insight allow you to make strategic decisions to outperform the market. The data can be fed directly into Power BI or reporting software.

"I have always been very conscious of how time-consuming ensuring compliance with waste regulations and corporate procurement policies can be for our site teams. The app takes most of the burden away, **saving the site team's time and improving data accuracy**. Automating the system also means that we can **gather more data** than ever before on material use, which will help us **reduce construction waste**."

Giorgia Franco, Berkeley East Thames

Commercial Management

Supply Chain Performance
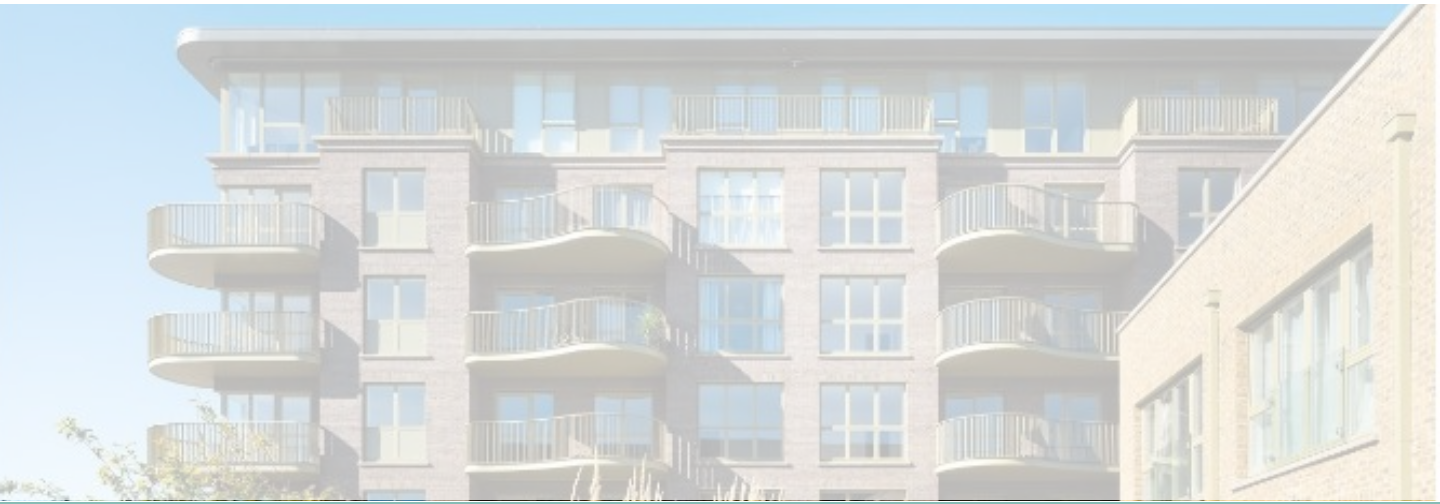
Sustainability Reporting

Qflow

Case study

Kidbrooke Village Phase 2, is an entirely new community, delivering schools, shops, a new train station and 4,000 homes. On a project such as this it is critical to collect site deliveries and waste movements for compliance purposes however this can be a herculean task for the site administration team.

Berkeley homes chose Qflow because it:

- **Reduce the admin burden** on site teams and **improve compliance levels** by flagging any issues with waste and timber requirements quickly and automatically.
- Automating data collection, allowing the team to **gain more insights** on volumes and specifications which can be used to **inform commercial decisions** and claims.
- **Better prepare** for a stricter planning policy with increased focus on sustainability credentials by painlessly tracking material volumes and specifications.

Comprehensive value add

£200K
Potential annual savings

150
Hours saved annually
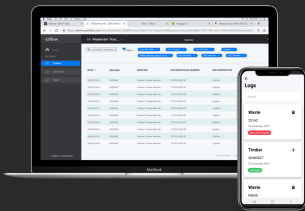
Reduced project risk

Supply chain insights

Read full Berkeley Homes case study here

Why does this matter?

We all know that errors arise during construction, but at Qflow we aim to catch those non-conformances before they pose a risk to project delivery. On average our clients receive 27% non-conformant waste transfers and 15% uncertified timber deliveries. Just one uncertified material delivery could result in over £100,000 in rework costs and painstaking delays to the project programme.

Consistently delivering upon your client's targets will mitigate your business's reputational risk **and ensure you maintain a work winning position**. Qflow's real-time verified data has resulted in our clients seeing greater efficiencies, leading to programs being delivered on time and budget.

What can we help you do?

Material Certification & Quality Control

- Automatically capture data on material certification for responsible sourcing and quality control to ensure that materials are fit for purpose.
- The platform is updated in real-time, creating a complete audit trail of your materials and waste.
- Direct benefits include quality assurance of what comes to site resulting in avoided cost of programme or rework delays.
- Automated QA checks means substantial time savings in manually quality checking data entries.

Waste Movement Tracking

- Qflow automates waste duty of care checks to ensure missing infromation and non-conformances are highlighted in real time.
- Qflow completely eliminates manual data input and burdensome cross-checking.
- A fully auditable chain of custody, including waste carriers and operations, enables real-time performance metrics and simple retrospective reporting.
- Predictive models enable designers to optimise their plans, achieving the highest tier of the waste hierarchy: **waste prevention.**

Supply Chain Performance & Cost Control

- Validate invoices against goods received notes
- Clear verified data that identifies non conformances, underperforming and over performing suppliers.
- Provides iterative value when fed back to the procurement teams to inform their supplier appointments.
- Audited account of deliveries can save your project team long hours of claim disputes and reduce the number of non conformances going undetected through the supply chain.

Carbon

- Through the data captured by Qflow, embodied carbon in transfer movements, material consumption and waste production can be simply calculated.
- With this information, you can inform future works to further reduce your projects carbon impact.
- This as-built data can then be easily fed into your chosen carbon tool.

Testimonials

"By adopting the Qflow system, we were able to achieve our FSC certification with ease and it saved us thousands of pounds in the process. We are delighted with what the team at Qflow have done for the Wood Wharf project"

-Andy Haigh, *Senior Sustainability Manager Canary Wharf Group*

CANARY WHARF
L O N D O N

"We want to extend it across the business to be more efficient... so we can concentrate on tasks that are bringing value. And time is money, so less time, more money"

-Nicolas Poirier, *Regional Financial Controller Bouygues Construction UK*

BOUYGUES CONSTRUCTION

FAQ's

Below are some of the most commonly asked questions about Qflow and how the software will work with your project.

1

I already use alternative reporting systems, can Qflow integrate with this?

Qflow can integrate with existing data management tools to provide a seamless data flow to accurately and automatically capture data for bulk uploads. Qflow doesn't just allow you to track key data, such as waste and materials, it automates the collection of this data into the platform. This means no manual data entry, giving you greater confidence in the accuracy and completeness of your data sets.

2

Can we use Qflow to compare against other data such as invoices?

Yes! The granularity of data captured by Qflow grants you maximum flexibility to use as best aligns with your internal targets and project requirements. This also includes capturing reference numbers such as a PO from the delivery tickets. Qflow allows you to download the data from the online platform and upload into your internal systems.

3

How does Qflow support the achievement of project targets and certifications?

We use a database with supplier certification information, whether that's for tracking chain of custody, BES6001 or ISO14001. This means that for any delivery made to the project and captured using our app, you'll have a live record and notifications regarding non-compliance with the given certification or target. With Qflow in place, you can proactively manage any errors that may prevent you from achieving your targets.

4

Can I track carbon using Qflow?

The granularity of captured data in Qflow supports you in the process of calculating your carbon impact. A carbon calculation feature is currently being tested as part of the data insights discovery work that the Qflow team are conducting, to look at how the materials data can be used to generate an accurate 'as-built' embodied carbon account.

5

How much information does Qflow capture?

Qflow will capture was is listed on the goods received note / proof of delivery for materials and the waste transfer note for waste. These can be paper notes or digital, either way Qflow will ingest and audit them for you. If there are items that are not currently captured in Qflow that you would find beneficial, please let us know are our product team will explore how this could fit into the process in the future.

6

Can I plot trends over time using Qflow?

Yes, you can. Qflow has a dashboard feature within the platform where you can visualise trends in your waste and material data, summary breakdowns, and other key data points.

7	**Can I tailor reports to suit my company or project requirements?**

The platform is designed to give maximum flexibility to the users. If you have specific reporting requirements outside of the system, communicate these with the team and we will work hard to meet your needs.

8	**Where is Qflow going next?**

Qflow isn't just about streamlining data collection and reporting for construction, it's about closing the loop between construction and design to enable continual learning and development. The long-term vision for Qflow is to learn from this data; providing projects with transparency and accountability throughout the build process and ensuring that lessons learned from one site can be easily transferred to others. In this way, we can begin to understand not only how to build with a more positive environmental impact, but also where the opportunities are to improve the sustainability of our designs. Where projects can reduce waste, specify and source more sustainable materials, and which methods cause the least disruption.

Book a free demo!

Book your demo here

Qflow